## Abstract

The present invention is to provide a process for preparing a 3-unsubstituted-5-amino-4-nitrosopyrazole compound represented by the formula (1):

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$$\begin{array}{c|c}
NO \\
N \\
NH_2 \\
R^1
\end{array}$$

wherein  $R^1$  represents a hydrogen atom, an alkyl group, an aryl group or a heterocyclic group each of which may have a substituent(s),

which comprises cyclizing a 3-hydrazono-2-hydroxyiminopropionitrile compound represented by the formula (2):

$$R^1HN$$
NOH
CN
(2)

wherein  $R^1$  has the same meaning as defined above, synthetic intermediates thereof and a process for preparing these intermediates.